

$$d = 10.33 \text{ g/cm}^3$$

$$m = 31.1 \text{ g}$$

$$V = ?$$

$$d = \frac{m}{V} \quad \frac{V \times 10.33 \text{ g}}{10.33 \text{ g/cm}^3} = \frac{31.1 \text{ g}}{10.33 \text{ g/cm}^3} \times V$$

$$V = \frac{31.1 \text{ g}}{10.33 \text{ g/cm}^3} = 3.01 \text{ cm}^3$$

data what I know
 what I'm looking for

equation $d = \frac{m}{V}$

substitution

answer

UNITS